

IN THE CLAIMS:

1. (Original) A method for releasing a module utilized in a transceiver system that includes a plurality of modules in close proximity with one another, said method comprising the steps of:

configuring said module to include a handle with an associated cam formed in a first section of said module; and

moving said handle in a downward direction to allow said cam to move an associated ejector button integrated with said module in order to release said module from said transceiver system, thereby permitting said module to be removed from said transceiver system.

2. (Original) The method of claim 1 further comprising the step of:
removing said module from said transceiver system utilizing said handle.

3. (Original) The method of claim 1 further comprising the step of:
locking said module into said transceiver system when said handle is placed in an upward position.

4. (Original) The method of claim 1 wherein said handle comprises a wire handle.

5. (Original) The method of claim 4 wherein said wire handle is formed from steel wire.
6. (Original) The method of claim 1 wherein said ejector button is configured from molded plastic.
7. (Original) The method of claim 1 wherein said module comprises a pluggable module that is plugged into said transceiver system.
8. (Original) The method of claim 1 wherein said module comprises a form-factor pluggable transceiver module for use in association with said transceiver system.
9. (Original) A method for releasing a module utilized in a transceiver system that includes a plurality of modules in close proximity with one another, said method comprising the steps of:
- configuring said module to include a handle with an associated cam formed in a first section of said module;
- moving said handle in a direction to allow said cam to move an associated ejector button integrated with said module in order to release said module from said transceiver system, thereby permitting said module to be removed from said transceiver system;
- and
- thereafter removing said module from said transceiver system utilizing said handle.

10. (Original) A method for releasing a pluggable module utilized in a transceiver system that includes a plurality of pluggable modules in proximity with one another, said method comprising the steps of:

configuring said pluggable module to include a wire handle with an associated cam formed in a first section of said pluggable module;

moving said wire handle in a direction to allow said cam to move an associated ejector button integrated with said pluggable module in order to release said pluggable module from said transceiver system, wherein said ejector button is configured from molded plastic;

removing said pluggable module from said transceiver system utilizing said wire handle; and

locking said pluggable module into said transceiver system when said wire handle is placed in a predefined position, thereby permitting said pluggable module to be plugged into or removed from said transceiver system.

11. (Currently Amended) A system for releasing a module utilized in a transceiver system that includes a plurality of modules in close proximity with one another, said system comprising:

said module configured to include a handle with an associated cam formed in a first section of said module; and

wherein said handle is pullable in a downward direction to allow said cam to move an associated ejector button integrated with said module in order to release said

module from said transceiver system, thereby permitting said module to be ~~efficiently~~ removed from said transceiver system.

12. (Original) The system of claim 11 wherein said module is removable from said transceiver system utilizing said handle.

13. (Original) The system of claim 11 wherein said module is locked into said transceiver system when said handle is placed in an upward position.

14. (Original) The system of claim 11 wherein said handle comprises a wire handle.

15. (Original) The system of claim 14 wherein said wire handle is formed from said steel wire.

16. (Original) The system of claim 11 wherein said ejector button is configured from molded plastic.

17. (Original) The system of claim 11 wherein said module comprises a pluggable module that is plugged into said transceiver system.

18. (Original) The system of claim 11 wherein said module comprises a form-factor pluggable transceiver module for use in association with said transceiver system.

19. (Currently Amended) A system for releasing a module from a transceiver system that includes a plurality of modules in close proximity with one another, said system comprising:

said module configured to include a handle with an associated cam formed in a first section of said module; and

wherein said handle is moveable in a direction to allow said cam to move an associated ejector button integrated with said module in order to release said module from said transceiver system, thereby permitting said module to be removed from said transceiver system; and

wherein said ~~handle~~ module is removable from said transceiver system utilizing said handle.

20. (Original) A system for releasing a pluggable module from a transceiver system that includes a plurality of pluggable modules in communication with one another, said system comprising:

said pluggable module configured to include a wire handle with an associated cam formed in a first section of said pluggable module;

said wire handle pullable in a direction to permit said cam to move an associated ejector button integrated with said pluggable module in order to release said pluggable module from said transceiver system, wherein said ejector button is configured from molded plastic;

said module removable from said transceiver system utilizing said wire handle; and

wherein said pluggable module is locked into said transceiver system when said wire handle is placed in a predefined position, thereby permitting said pluggable module to be efficiently plugged into or removed from said transceiver system.

21. (New) A pluggable transceiver module, comprising:

a housing having a first side and a face substantially perpendicular to the first side, and a tab extending beyond the surface of the first side, and the tab sized to mate with a slot in a receptacle of a host device for receiving the pluggable transceiver module housing;

a member slidably mounted to the first side of the housing and having an internal end and an external end;

a wedge on the internal end of the member, wherein sliding the member inward causes the wedge to slide between the tab and the slot on the receptacle and remove the tab from within the slot, thereby releasing the pluggable transceiver module from the receptacle; and

a lever rotatably mounted via an axle proximate to the face of the pluggable transceiver module, said axle be connected to the external end of the member such that rotating the lever away from the face of the pluggable transceiver cause the rotating axle to push the member inward and drive the wedge between the tab and the slot in order to release the pluggable transceiver module from the receptacle.

22. (New) The pluggable transceiver of claim 21, further comprising:

a cross-bar on a free end of the lever.

23. (New) The pluggable transceiver of claim 22, further comprising:
a ridge on and parallel to the cross-bar.

24. (New) The pluggable transceiver module of claim 21, wherein the lever is pulled away from the face of the pluggable transceiver module in order to release the pluggable transceiver module from a receptacle.

25. (New) The pluggable transceiver module of claim 21, further comprising:
a receptacle for receiving the pluggable transceiver module, the receptacle having a base including the slot for receiving the tab, whereby the first side of the pluggable transceiver module slides along the base during insertion of the pluggable transceiver module into the receptacle, and the tab enters the slot in order to secure the pluggable transceiver module within the receptacle.

26. (New) The pluggable transceiver module of claim 21, wherein the tab is triangular in shape.

27. (New) The pluggable transceiver module of claim 21, wherein the axle is connected to the external end of the member via a flexible member.

28. (New) The pluggable transceiver module of claim 21, wherein the axle is connected to the external end of the member via a hinge.

29. (New) The pluggable transceiver module of claim 21, wherein the axle is connected to the external end of the member via a living hinge.

30. (New) The pluggable transceiver module of claim 21, wherein the member is slidably mounted within a slit on the first side of the pluggable transceiver module.

31. (New) The connector module of claim 21, further comprising:
an optical input socket and an optical output socket.

32. (New) The connector of claim 21, wherein the member is elongated between the internal end and the external end.

33. (New) A pluggable transceiver module and receptacle, comprising:
a receptacle of a host device for receiving a pluggable transceiver module, the receptacle having a base including a slot for receiving a tab of a pluggable transceiver module during insertion into the receptacle;
a pluggable transceiver module having a housing with a first side and a face perpendicular to the first side, a tab extending beyond the surface of the first side, and the tab sized to mate with the slot in the receptacle, wherein the first side of the pluggable transceiver module slides along the base during insertion of the pluggable transceiver module into the receptacle, and the tab enters the slot in order to secure the pluggable transceiver module within the receptacle;

a member slidably mounted on the first side of the housing having an internal end and an external end;

a wedge on the internal end of the member, wherein sliding the member causes the wedge to slide between the tab and the slot on the receptacle and remove the tab from within the slot, thereby releasing the pluggable transceiver module from the receptacle; and

a lever rotatably mounted via an axle proximate the face of the pluggable transceiver module, said axle be connected to the external end of the member such that rotating the lever away from the face of the pluggable transceiver cause the rotating axle to push the member inward and drive the wedge between the tab and the slot in order to release the pluggable transceiver module from the receptacle.

34. (New) A pluggable transceiver module, comprising:

a pluggable transceiver module having a housing with a first side and a face perpendicular to the first side, a tab extending beyond the surface of the first side, and the tab sized to mate with a slot in a receptacle, wherein the first side of the pluggable transceiver module slides along a base of the receptacle during insertion of the pluggable transceiver module into the receptacle, and the tab enters a slot in the base of the receptacle in order to secure the pluggable transceiver module within the receptacle;

an elongated member slidably mounted on the first side of the pluggable transceiver module proximate the tab, the elongated member having an internal end and an external end;

a wedge on the internal end of the elongated member, wherein pushing the elongated member inward causes the wedge to slide between the tab and the slot on the

receptacle and remove the tab from within the slot, thereby releasing the transceiver module from the receptacle;

- a knob mounted to the external end of the elongated member, the knob including a recess that enables a person to at least partially insert a fingernail to easily grip and remove the pluggable transceiver module from the receptacle; and

- a ridge formed at a juncture between the external end of the member and the knob, wherein the ridge also enable a person to grip and remove the pluggable transceiver from the receptacle.